

Claims

1. Use of the *cis*-9,*trans*-11 isomer of conjugated linoleic acid (CLA) for making a medica-
5 ment for fighting inflammatory diseases.
2. Use according to claim 1, **characterised in** that said medicament acts against the hyper-
sensitivity of the bronchia.
- 10 3. Use according to claim 1, **characterised in** that said medicament acts against respiratory
diseases, particularly against asthma.
4. Use according to claim 1, **characterised in** that said medicament acts against rheumatic
diseases, particularly rheumatic arthritis.
- 15 5. Use of the *cis*-9,*trans*-11 isomer of conjugated linoleic acid for the inhibition of the prolifer-
ation of human or animal cells, particularly cells of the immune systems involved in
immune response.
- 20 6. Use of the *cis*-9,*trans*-11 isomer of conjugated linoleic acid for the support of apoptosis of
eosinophilic granulocytes.
7. Use of the *cis*-9,*trans*-11 isomer of conjugated linoleic acid for the inhibition of specific
cytokine expression.
- 25 8. Use according to at least one of claims 1 to 7, **characterised in** that a technical grade CLA
is used, comprising said *cis*-9,*trans*-11 isomer in amounts of at least 30 % b.w. – calcu-
lated on the total CLA content.
- 30 9. Use according to at least one of claims 1 to 8, **characterised in** that a technical grade CLA
is used whose acyl moiety comprises at most 30 % b.w. *trans*-10,*cis*-12 isomers and in to-
tal less than 1 % b.w. 8,10-, 11,13 and *trans,trans* isomers – calculated on the total CLA
content.
- 35 10. Use according to at least one of claims 1 to 9, **characterised in** that said CLA or, as an
alternative, said medicament is applied sub-cutaneously, intramuscularly, per inhalation,
per infusionem, topically or orally.

11. Use of the *cis-9,trans-11* isomer of conjugated linoleic acids as a nutrition, functional food or dietary supplement agent.

5 12. Use according to at least one of claims 1 to 11, **characterised in** that said CLA is applied in amounts of from 0.05 to 5 g/day.